Work Ord July-24-12 9:13		7660		*876	360*							Page 1
Item ID: Revision ID: Item Name:	D412-702-			Accept	*N900	<b>040</b>	100	)*	Setup	Start Stop		S1* S2*
Start Date: Required Date: Reference:	7/05/12 : 8/24/12	Start Qty: 5.00 Req'd Qty: 5.00	*5* *5*		Cust Item I Customer:	D:						
Approvals:	Process P QC:	lan: MLJ	Date: 12/07/24	Tooling: SPC (Y/N):		ate:			Run	Start Stop		R1* R2*
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	t Rej		Reject Number	Insp. Stamp
Draw Nbr		evision Nbr								<u> </u>		
ICA412-702-3	305 4											
100		,		0.00								45/
*100* Small Fab		Мето		0.00				5x				J-12/08
Small Fab		Assemble a	s per dwg ICA D412-702 p.	49								
110		QC5- Inspect part comp	eleteness to step on W/O	00.00 <b>QAQ</b>	· ·							
*110* QC Quality Control		Memo		0.00	2/18/15			(et	, シ —		<del>                                      </del>	
120				0.00	1							
*120* Packaging		Memo		0.00	5/				_			
Packaging		CHG001	th P/N & CHG# and pack for	shipping as per PPP D	412-702-305		S	7	1	2/08	3/15	_

			DQA:	Date:
ICR:	Yes / No	WORK ORDER NON-CONFORMANCE / UPDATE		
	•		OA Closed:	Date:

											QA Closed.	Date		
Work Orde	/ork Order: DISPOSITION									AGAINST D	EPARTMENT,	/PROCESS		
Work Orac						Rework			Skid-tube	Crosstube	7	Water Jet	Engineering	
Dart N	do.					Scrap			Machining	Small Fab	Pro	d. Eng. Coor.	Quality	
raiti	<b>'</b> '			-		Use-as-is			noforming	Finishing	-	re/Packaging	Other	
NCR N	dο					Work Order Update			Large Fab	Composite	1	Supplier		
, New Y	<b>1</b> 0		· · · · · · · · · · · · · · · · · · ·			Work Order opdate					_] 			
Root					Descri	ption of work order update	li	nitial	Acti	ion	Sign &			
Cause		Date	Step	Qty		or Non-conformance	Chi	ef Eng	Descr	iption	Date	Verification	QC Inspector	
Doc/Data														
Equip/Tooling														
Operator												•		
Material														
Setup														
Other														
Process														
Supplier														
Training	de								400					
Unapproved									(1)					
						FA	AUL	T CATE	GORY					
Landi	ng G	ear	<u> </u>			General						_	_	
		Bending				Bend		Grain (			Ovalized		Pressure/Forced	
		Centre No	t Concer	ntric to	o/s	BOM/Route		Hardwa	re		Over/Unde	rtolerance [	Temperature/Cure	
	П	Cracks				Broken/Damaged		Inspect	on Incomplete		Part Incorre	ect	Weld	
	П	Crushed/0	Crimped.			Burrs		Instruct	ions Incomplete/L	Inclear	Part Lost/M	lissing	Wrong Stock Pulled	
		Cuffs				Contamination	П	Mainte	enance		Part Moved	_		
	П	Heat Trea	t			Countersink	П	Mislabe	eled		Positioned '	Wrong		
	П	Inspection	n Strip in	Tube		Cut Too Short		Misrea	d	Γ	Power Loss,	/Surge	Other	
	П	Ripples in	Bend			Drill Holes		Offset		_				
	П	Torque W	aves in E	xtrusio	n 🗀	Drawing	Out of Calibration							
Turning Sequence Finish				Out of Sequence										
		Wave/Tw	ist in Tub	oe .		Folio	П	Outside	Dimensions					

<b>Work Ord</b> <i>July-24-12 9:1.</i>		7660		*876	660*				Page 2	!
Item ID: Revision ID: Item Name:	D412-702-			Accept	*N900	<b>040100</b>	)* Setu	p Start Stop	*NS1* *NS2*	
Start Date: Required Date: Reference:	7/05/12 : 8/24/12	Start Qty: 5.00 Req'd Qty: 5.00	*5* *5*		Cust Item I Customer:	D:			14(1)	
Approvals:	Process I	Plan:	Date:	Tooling: SPC (Y/N):		ate:	Run	Start Stop	*NR1* *NR2*	
Sequence ID/ Work Center I	D	Operation Description QC21- Final Inspection	- Work Order Release	Set Up/ Run Hours 0.00	Tool ID	Tool # Plan Code		-	Reject Insp. Number Stamp	
*130* QC Quality Control		Memo		0.00			ML	<u> ブ</u> 1	408/17	

p1208-16

	_	
DQA:	Date:	

NCR: Yes / No

# WORK ORDER NON-CONFORMANCE / UPDATE

										QA Closed:	Date	2:		
Work Orde	ır.				DISPOSITION				AGAINST DE	PARTMENT	PROCESS			
Part No					Rework Scrap Use-as-is Work Order Update	Scrap Machining Small Fall Use-as-is Thermoforming Finishing			Crosstube Small Fab Finishing Composite	Prod. Eng. Coor. Quality Rec/Store/Packaging Other				
Root				Descr	iption of work order update	Initi	ial	Act	tion	Sign &				
Cause	Date	Step	Qty		or Non-conformance	Chief	Eng	Desc	ription	Date	Verification	QC Inspector		
Doc/Data							Î							
Equip/Tooling								•						
Operator														
Material														
Setup														
Other				- 17 -		*								
Process					0.0									
Supplier	10.							•						
Training														
Unapproved														
				_	F	AULT C	CATE	GORY						
Landir	ng Gear			11.	General				<b></b>		_			
	Bending				Bend	Gr	rain			Ovalized		Pressure/Forced		
	Centre I	Not Conce	ntric to	o/s	BOM/Route	На	ardwa	re		Over/Under	tolerance	Temperature/Cure		
	Cracks				Broken/Damaged	Ins	specti	on Incomplete		Part Incorre	ct	Weld		
	Crushed	l/Crimped	=		Burrs	Ins	structi	ions Incomplete/	Unclear	Part Lost/M	issing	Wrong Stock Pulled		
	Cuffs				Contamination	Шм	ainte	nance		Part Moved				
	Heat Tr	eat			Countersink	Мі	islabe	led		Positioned V	Vrong			
	Inspecti	on Strip in	Tube		Cut Too Short	Шм	isread	l		Power Loss/	'Surge	Other		
	Ripples	in Bend			Drill Holes	∐of	fset							
	Torque	Waves in	Extrusio	n [	Drawing	Ot	ut of C	Calibration						
	Turning	Sequence	!		Finish	Out of Sequence								
	Wave/T	wist in Tu	be		Folio	Οι	Outside Dimensions							

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### **Picklist Print**

July-24-12 9:13:39 AM

Work Order ID:

87660

Parent Item:

D412-702-305

Parent Item Name:

Harness Assembly

**Start Date:** 7/05/12

Required Date: 8/24/12

Start Qty: 5.00

Required Qty: 5.00

Comments:

IPP Rev:A new issue DD 10.04.30 verified EC

	Replacement Item IP	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seg (D	Unit of Measur	Qty on re Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued,	Status
D3573-1		Manufactured	No			100	Each	14.0000	1	5	01		-//
Adapter												12/08	8/14
		640		Location		Loc Qty		Loc Code				/	/ !
				GA		14							/
				6946	53	4			i	4 /	,		1
				8165	53	10							
D4088-041		Manufactured	No			100	Each	13.0000	1	5	I/	)/50	del
Shoulder Harness									transaction of the same		/ / No	<u> 2/08</u>	1/4
				<b>Location</b>		Loc Qty	]	Loc Code				1 /	(
				GA		-9					/ ~	~ <b>~</b> ^	500
				8479	94	13				/	' `KS	K +3	$(\chi)/50$
				ST267		22							
MS24693-S273		Purchased	No			100	Each	795.0000	4	20	<i>}/</i> /	. /	2/11
Screw												4 /0	8/19
				<b>Location</b>		Loc Qty	]	Loc Code			_//		
				ST288		795					//	$\iota$	•
				1001	51	695			$-\frac{1}{2}$	O = I		,	,
				1172	291	100					01	/ /	1
AN960JD10LL		Purchased	No			100	Each	3,412.0000	4	20	$\mathcal{E}$	140/1	
Washer											101	D8 [[	14
				Location		Loc Oty		Loc Code			/ [.		
				ST337A		3412			<b>^</b>	~ //	V	/	
				1908	35	252			$-\frac{2}{3}$	$\mathcal{I}$			
				1960	10	3160							

DQA:	Date:	
	_	

NCR: Yes / No

## WORK ORDER NON-CONFORMANCE / UPDATE

:				DISPOSITION						1			
				DISFOSITION		AGAINST DEPARTMENT/PROCESS							
). 				Rework Scrap Use-as-is Work Order Update	-	Skid-tube  Machining  noforming  Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Engineeri Prod. Eng. Coor. Qual Rec/Store/Packaging Oth Supplier					
			Descri	ption of work order update	Initial	Act	tion	Sign &					
Date	Step	Qty		or Non-conformance	Chief Eng	Desci	ription	Date	Verification	QC Inspector			
<u> </u>					ALUT CATE	COPY							
Coor					AULI CATE	GORT							
Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion Turning Sequence Wave/Twist in Tube			Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing Finish	Inspect Instruct Mainte Mislabe Misread Offset Out of	ion Incomplete tions Incomplete/ enance eled d Calibration Sequence	Unclear	Part Incorred Part Lost/Mi Part Moved Positioned V	ct sissing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other				
	Gear Bending Centre No Cracks Crushed/o Cuffs Heat Trea Inspection Ripples in Torque W Turning S	Date Step  Gear  Bending Centre Not Concer Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Ripples in Bend Torque Waves in E	Date Step Qty  Gear  Bending Centre Not Concentric to Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion	Description Description Description Date Step Qty  Gear  Bending  Centre Not Concentric to O/S  Cracks  Crushed/Crimped  Cuffs  Heat Treat  Inspection Strip in Tube  Ripples in Bend  Torque Waves in Extrusion  Turning Sequence	Use-as-is Work Order Update  Date Step Qty Description of work order update or Non-conformance  Gear General Bending Bend Centre Not Concentric to O/S BOM/Route Cracks Broken/Damaged Crushed/Crimped Burrs Cuffs Contamination Cuffs Contamination Heat Treat Countersink Inspection Strip in Tube Ripples in Bend Drill Holes Torque Waves in Extrusion Turning Sequence Finish	Therm  Work Order Update  Date Step Qty Description of work order update or Non-conformance  FAULT CATE  Gear General  Bending Centre Not Concentric to O/S BOM/Route Cracks Broken/Damaged Instruct Crushed/Crimped Burrs Instruct Cuffs Contamination Mislabe Heat Treat Countersink Mislabe Inspection Strip in Tube Cut Too Short Misrear Ripples in Bend Drawing Out of for Turning Sequence  Turning Sequence Finish Out of fi	Bending Centre Not Concentric to O/S BOM/Route Cracks Broken/Damaged Crushed/Crimped Burrs Instructions Incomplete Crushed/Crimped Burrs Instructions Incomplete Cuffs Contamination Maintenance Countersink Mislabeled Inspection Strip in Tube Ripples in Bend Drawing Turning Sequence To Non-conformance The March Step Park Inspection Drawing Cout of Sequence To Not Concentric to O/S Drawing Cout of Sequence To Not Concentric to O/S Drawing Cout of Sequence To Not Concentric to O/S Drawing Cout of Sequence To Not Concentric to O/S Drawing Cout of Sequence To Not Concentric to O/S Drawing Cout of Sequence To Not Concentric to O/S Drawing Cout of Sequence To Not Concentric to O/S Description of Non-conformance Initial Actional Action Chief Eng Description Action Conformance Coince English To Non-conformance Initial Actional Action Chief Eng Description Action Coince English Coince Engl	Work Order Update    Date   Step   Qty   Description of work order update   Initial   Action   Description	Use-as-is Work Order Update	Use-as-is Work Order Update Date Step Qty Description of work order update or Non-conformance Chief Eng Description Date Verification  FAULT CATEGORY  Gear General  Bending Centre Not Concentric to O/S BOM/Route Hardware Cracks Broken/Damaged Inspection Incomplete Instructions Incomplete Date Crushed/Crimped Burrs Instructions Incomplete Part Lost/Missing Cuffs Contamination Maintenance Part Moved Peat Moved Part Moved Part Moved Part Moved Part Moved Part Moved Part Moved Prostrion Strip in Tube Ripples in Bend Drail Holes Offset Out of Calibration Turning Sequence Finish Out of Sequence			

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### **Picklist Print**

July-24-12 9:13:39 AM

Page 2

XX7	A	III.
Work	Order	w:

87660

Parent Item:

D412-702-305

Parent Item Name:

Harness Assembly

MS21042L3

Nut

Purchased

No

122141

**Start Date: 7/05/12** 

Each

Start Qty: 5.00

Required Date: 8/24/12

Required Qty: 5.00

3,956.0000

20

<u>Location</u>		Loc Oty	Loc Code
316		990	
	122452	990	
ST300		966	
	117885	32	
	119017	725	
	119075	138	
	121444	71	
ST317		2000	

2000

100

July-24-12 9:13:39 AM

Shop Packet Print

Page 2

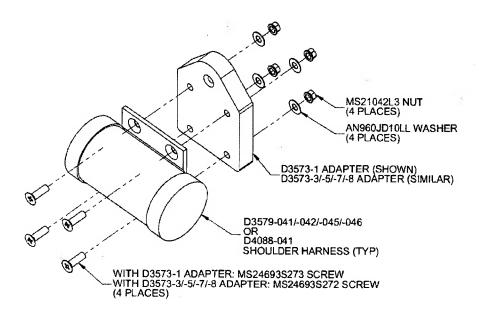
DQA:	Date:	

NCR: Yes / No

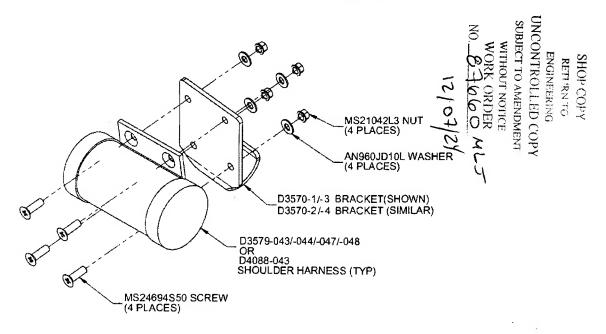
#### **WORK ORDER NON-CONFORMANCE / UPDATE**

							•		QA Closed:	Date	•		
Work Orde	or.					DISPOSITION				AGAINST DE	EPARTMENT/PROCESS		
work Order.						Rework	1	Skid-tube Crosstube			]	Water Jet	Engineering
Part No. Scrap								Machining Small Fab			Pro	d. Eng. Coor.	Quality
Use-as-is									Thermoforming Finishing Rec/Store/Packaging				Other
NCR N	10					Work Order Update	]	Large Fab Composite			_	Supplier	
Root Descri						ption of work order update	lr	Initial Action			Sign &		
Cause	D	ate	Step	Qty		or Non-conformance	i	ef Eng	i		Date	Verification	QC Inspector
Doc/Data			•		-					···			
Equip/Tooling					(1)								13
Operator			i										
Material													
Setup													
Other													
Process													
Supplier													
Training													
Unapproved													
FAULT CATEGORY													
Landing Gear General													
	Bending					Bend		Grain			Ovalized		Pressure/Forced
	Cer	tre No	t Concer	ntric to (	o/s	BOM/Route		Hardware			Over/Under	tolerance	Temperature/Cure
	Cra	Cracks				Broken/Damaged		Inspection Incomplete			Part Incorre	ct [	Weld
	Cru	shed/0	Crimped.			Burrs		Instructions Incomplete/Unclear			Part Lost/M	issing	Wrong Stock Pulled
	Cuf	fs				Contamination		Mainte	enance		Part Moved		
	Hea	t Trea	t			Countersink		Mislabeled			Positioned \	Wrong	_
	ins	ection	Strip in	Tube		Cut Too Short		Misread			Power Loss/	'Surge	Other
	Rip	Ripples in Bend				Drill Holes		Offset					
	Tor	que W	aves in E	xtrusio	n [	Drawing		Out of Calibration					
	Tur	ning Se	equence			Finish		Out of Sequence					
	Wa	ve/Twi	ist in Tub	e		Folio		Outside Dimensions					

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<u>DETAIL 'K' D412-702-101A/-103A/-105A/-107A/-109A/-115A/-117A AND</u> <u>D412-702-101B/-103B/-105B/-107B/-109B/-115B/-117B OR -301/-303/-305/-307/-309/-315/-317 HARNESS ASSEMBLIES</u>



DETAIL 'L' D412-702-111A/-111B/-113A/-113B OR -311/-313/-321/-323 HARNESS ASSEMBLIES

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